

Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

C57BL/6N-Syn3tm1.1(KOMP)Vlcg/JMmucd

RRID:MMRRC_049950-UCD

Type: Organism

Proper Citation

RRID:MMRRC_049950-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=49950

Proper Citation: RRID:MMRRC_049950-UCD

Description: Mus musculus with name C57BL/6N-Syn3tm1.1(KOMP)Vlcg/JMmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: deletion ; Collection: KOMP

Phenotype: increased grip strength [MP:0010052]| decreased bone mineral content [MP:0010124]| abnormal behavioral response to light [MP:0011275]

Affected Gene: Syn3

Catalog Number: 049950-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_49950-UCD, MMRRC_049950, MMRRC_4995

Organism Name: C57BL/6N-Syn3tm1.1(KOMP)Vlcg/JMmucd

Record Creation Time: 20230308T055308+0000

Record Last Update: 20260815T125615+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Syn3tm1.1(KOMP)Vlclg/JMmucd.

No alerts have been found for C57BL/6N-Syn3tm1.1(KOMP)Vlclg/JMmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Moore A, et al. (2021) Syn3 Gene Knockout Negatively Impacts Aspects of Reversal Learning Performance. eNeuro, 8(5).